

Title: Block for filtering particulates present in the exhaust gases of an internal combustion engine

ABSTRACT

A block, particularly for filtering particulates present in the exhaust gases of an internal combustion engine, said block (11) comprising a plurality of flow channels for the gases (14e,14s), each of said channels (14e,14s) being bounded by a side wall (22), a plug (15e,15s) and an opening (19e,19s) terminating outwardly.

The block according to the invention is remarkable in that a first portion (34) of the side wall (22) of at least one of said channels (14p,14p''), called the "reinforced channel", comprises a reinforcement compared to the rest of said side wall (22) forming a second portion (36) of said side wall (22), the ratio (R) of the thickness of the first portion (34) to the thickness of the second portion (36), in any transverse plane of section (P), being between 1.1 and 3.

Figure for the abstract: Figure 4